

## ABSTRACT

A technique for language verification of a Java card CAP file is provided. The Java card CAP file is converted from an original Java code file while conserving its original Java semantics. The Java card CAP file is converted into a corresponding converted Java code file that is semantically identical to the Java card CAP file. In a language-verification step, the converted Java code file is then verified if it has been found to comply with a predetermined language specification.

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